

U.S. DEPARTMENT OF LABOR
Occupational Safety and Health Administration

Form Approved
OMB No. 43-R1387

MATERIAL SAFETY DATA SHEET

DPM 5376
Stripper, Salt

Required under USDL Safety and Health Regulations for Ship Repairing,
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

SECTION I

MANUFACTURER'S NAME

EMERGENCY TELEPHONE NO.

SULLIVAN CHEMICAL CO., INC.

(213) 435-2332

ADDRESS (Number, Street, City, State, and ZIP Code)

1470 West Ninth St. Long Beach, CA 90813

CHEMICAL NAME AND SYNONYMS

Sodium Hydroxide-Sodium Nitrate-Chloride

TRADE NAME AND SYNONYMS

SUL-KEM 74PS & 7301

CHEMICAL FAMILY

Caustic Nitrate

FORMULA

NaOH·NaNO₃NaCl

SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYSTS			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
Sodium Hydroxide					NA
Sodium Nitrate					NA
Sodium Chloride					NA

SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	NA	SPECIFIC GRAVITY (H ₂ O=1)	
VAPOR PRESSURE (mm Hg.)	NA	PERCENT VOLATILE BY VOLUME (%)	NA
VAPOR DENSITY (AIR=1)	NA	EVAPORATION RATE (=1)	NA
SOLUBILITY IN WATER	Hydroscopic		
APPEARANCE AND ODOR	Odorless white powder, flake or bead		

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	NA	FLAMMABLE LIMITS	NA	LeI	UeI
EXTINGUISHING MEDIA	Use large quantities of water on fires involving sodium nitrate				
SPECIAL FIRE FIGHTING PROCEDURES	Contains sodium nitrate which will supply oxygen to a fire, thus suffocating-type extinguishers are of little value				
UNUSUAL FIRE AND EXPLOSION HAZARDS	SUL-KEM 74-PS will not burn or explode but will promote combustion in combustible materials.				

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

Airborne dust 2mg/m³

EFFECTS OF OVEREXPOSURE

Contact with skin, eyes or mucous membranes will cause severe burns

EMERGENCY AND FIRST AID PROCEDURES

Flush areas of contact with water for fifteen minutes. Remove contaminated clothing and do not re-use until thoroughly washed.

In case of eye contact, see physician immediately.

SECTION VI - REACTIVITY DATA

STABILITY

UNSTABLE

CONDITIONS TO AVOID

STABLE

X

INCOMPATIBILITY (Materials to avoid)

Combustible and reducing agents.

HAZARDOUS DECOMPOSITION PRODUCTS

Oxygen and nitrogen oxides when sufficiently aerated.

HAZARDOUS
POLYMERIZATION

MAY OCCUR

CONDITIONS TO AVOID

WILL NOT OCCUR

X

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Flake or powder can be shoveled up, followed by a flushing with water and dilute acid (preferably acetic)

WASTE DISPOSAL METHOD

Discharge into sump to be neutralized (if liquid). Solid material should be put in drums and sent to a chemical dump.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (Specify type)

Adequate ventilation for dust should be provided

VENTILATION

LOCAL EXHAUST

SPECIAL

MECHANICAL (General)

OTHER

YES

PROTECTIVE GLOVES

Rubber gloves

EYE PROTECTION

Face shields should be worn

OTHER PROTECTIVE EQUIPMENT

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Store in dry area to avoid

moisture pick-up

OTHER PRECAUTIONS

DO not add wet or damp salt to the molten bath